

What is claimed is:

1. (Original) A dentifrice composition comprising a soluble calcium sequestering agent that is not an oxidising agent, wherein the composition has an RDA value of below 30 and an IVSR value greater than 50 (when compared to a Control), and an orally acceptable vehicle, wherein the calcium sequestering agent is present in a proportion of 1-20 wt % and an abrasive is present in a proportion of 0-5 wt % of the composition.

Claims 2 – 10 (Cancelled).

Please add new claims 11- 20, as follows:

11. (New) A dentifrice composition according to claim 1, further comprising an abrasive silica that has an RDA below 30.
12. (New) A dentifrice composition according to claim 1, wherein the RDA value is below 20 and the IVSR value is up to 250.
13. (New) A dentifrice composition according to claim 12, wherein the calcium sequestering agent is present in an amount of from 2-15 wt % of the composition.
14. (New) A dentifrice composition according to claim 13, wherein the soluble calcium sequestering agent is a calcium-chelating agent.
15. (New) A dentifrice composition according to claim 14, wherein the calcium-chelating agent is a polyphosphate or pyrophosphate salt.
16. (New) A dentifrice composition according to claim 15, wherein the pyrophosphate salt is pentasodium tripolyphosphate.
17. (New) A dentifrice composition according to claim 16, wherein 0 wt% of the abrasive is present in the composition.
18. (New) A dentifrice composition according to claim 17, wherein the IVSR value is measured relative to a Control dentifrice containing 14% Zeodent 113

abrasive silica in a conventional base containing water, sorbitol, glycerin, PEG, flavour, SLS, sodium saccharin, Xanthum gum and sodium fluoride.

19. (New) A dentifrice composition according to claim 1 for use in treating natural teeth or a dental prosthetic.
20. (New) A dentifrice composition according to claim 1 in the form of a viscous extrudable fluid which can be provided in a collapsible container.